



# SEQUENCE LISTING

<110> Badley, Robert  
Berry, Mark  
Williams, Samantha

<120> Peptides Capable of Functioning as Mimotopes for Hormonal  
Analytes

<130> IMIN.P-034

<140> US 09/920,306

<141> 2001-08-02

<160> 80

<170> PatentIn version 3.3

<210> 1

<211> 19

<212> DNA

<213> artificial sequence

<220>

<223> Synthetic olligonucleotide

<400> 1

tttcccagtc acgacgttg

19

<210> 2

<211> 9

<212> PRT

<213> artificial sequence

<220>

<223> synthetic peptide

<400> 2

Ala Ala Glu Arg Gly Leu Phe Glu Asp

1

5

<210> 3

<211> 9

<212> PRT

<213> artificial sequence

<220>

<223> synthetic peptide

<400> 3

Thr Ala Trp Thr Tyr Val Leu Gly Phe

1

5

<210> 4

<211> 9

<212> PRT  
<213> artificial sequence

<220>  
<223> synthetic peptide

<400> 4

Thr Ser Trp Ala Tyr Val Leu Gly Pro  
1 5

<210> 5  
<211> 2  
<212> PRT  
<213> artificial sequence

<220>  
<223> synthetic peptide

<400> 5

Glu Asp  
1

<210> 6  
<211> 3  
<212> PRT  
<213> artificial sequence

<220>  
<223> synthetic peptide

<400> 6

Phe Glu Asp  
1

<210> 7  
<211> 4  
<212> PRT  
<213> artificial sequence

<220>  
<223> synthetic peptide

<400> 7

Leu Phe Glu Asp  
1

<210> 8  
<211> 5  
<212> PRT  
<213> artificial sequence

<220>

<223> synthetic peptide

<400> 8

Gly Leu Phe Glu Asp  
1 5

<210> 9

<211> 6

<212> PRT

<213> artificial sequence

<220>

<223> synthetic peptide

<400> 9

Arg Gly Leu Phe Glu Asp  
1 5

<210> 10

<211> 7

<212> PRT

<213> artificial sequence

<220>

<223> synthetic peptide

<400> 10

Glu Arg Gly Leu Phe Glu Asp  
1 5

<210> 11

<211> 8

<212> PRT

<213> artificial sequence

<220>

<223> synthetic peptide

<400> 11

Ala Glu Arg Gly Leu Phe Glu Asp  
1 5

<210> 12

<211> 9

<212> PRT

<213> artificial sequence

<220>

<223> synthetic peptide

<400> 12

Gly Ala Glu Arg Gly Leu Phe Glu Asp  
1 5

<210> 13  
<211> 9  
<212> PRT  
<213> artificial sequence

<220>  
<223> synthetic peptide

<400> 13

Ala Gly Glu Arg Gly Leu Phe Glu Asp  
1 5

<210> 14  
<211> 9  
<212> PRT  
<213> artificial sequence

<220>  
<223> synthetic peptide

<400> 14

Ala Ala Ala Arg Gly Leu Phe Glu Asp  
1 5

<210> 15  
<211> 9  
<212> PRT  
<213> artificial sequence

<220>  
<223> synthetic peptide

<400> 15

Ala Ala Glu Ala Gly Leu Phe Glu Asp  
1 5

<210> 16  
<211> 9  
<212> PRT  
<213> artificial sequence

<220>  
<223> synthetic peptide

<400> 16

Ala Ala Glu Arg Ala Leu Phe Glu Asp  
1 5

<210> 17  
<211> 9  
<212> PRT  
<213> artificial sequence

<220>  
<223> synthetic peptide

<400> 17

Ala Ala Glu Arg Gly Ala Phe Glu Asp  
1 5

<210> 18  
<211> 5  
<212> PRT  
<213> artificial sequence

<220>  
<223> synthetic peptide

<400> 18

Gly Phe Phe Glu Asp  
1 5

<210> 19  
<211> 5  
<212> PRT  
<213> artificial sequence

<220>  
<223> synthetic peptide

<400> 19

Gly Trp Phe Glu Asp  
1 5

<210> 20  
<211> 5  
<212> PRT  
<213> artificial sequence

<220>  
<223> synthetic peptide

<400> 20

Gly Tyr Phe Glu Asp  
1 5

<210> 21  
<211> 5  
<212> PRT  
<213> artificial sequence

<220>  
<223> synthetic peptide

<400> 21

Gly Leu Trp Glu Asp  
1 5

<210> 22  
<211> 5  
<212> PRT  
<213> artificial sequence

<220>  
<223> synthetic peptide

<400> 22

Gly Leu Phe Cys Asp  
1 5

<210> 23  
<211> 5  
<212> PRT  
<213> artificial sequence

<220>  
<223> synthetic peptide

<400> 23

Gly Leu Phe Asp Asp  
1 5

<210> 24  
<211> 5  
<212> PRT  
<213> artificial sequence

<220>  
<223> synthetic peptide

<400> 24

Gly Leu Phe Phe Asp  
1 5

<210> 25  
<211> 5  
<212> PRT  
<213> artificial sequence

<220>  
<223> synthetic peptide

<400> 25

Gly Leu Phe Ile Asp  
1 5

<210> 26

<211> 5

<212> PRT

<213> artificial sequence

<220>

<223> synthetic peptide

<400> 26

Gly Leu Phe Leu Asp  
1 5

<210> 27

<211> 5

<212> PRT

<213> artificial sequence

<220>

<223> synthetic peptide

<400> 27

Gly Leu Phe Trp Asp  
1 5

<210> 28

<211> 5

<212> PRT

<213> artificial sequence

<220>

<223> synthetic peptide

<400> 28

Gly Leu Phe Tyr Asp  
1 5

<210> 29

<211> 5

<212> PRT

<213> artificial sequence

<220>

<223> synthetic peptide

<400> 29

Gly Leu Phe Glu Cys  
1 5

<210> 30  
<211> 5  
<212> PRT  
<213> artificial sequence

<220>  
<223> synthetic peptide

<400> 30

Gly Leu Phe Glu Phe  
1 5

<210> 31  
<211> 5  
<212> PRT  
<213> artificial sequence

<220>  
<223> synthetic peptide

<400> 31

Gly Leu Phe Glu Ile  
1 5

<210> 32  
<211> 5  
<212> PRT  
<213> artificial sequence

<220>  
<223> synthetic peptide

<400> 32

Gly Leu Phe Glu Leu  
1 5

<210> 33  
<211> 5  
<212> PRT  
<213> artificial sequence

<220>  
<223> synthetic peptide

<400> 33

Gly Leu Phe Glu Val  
1 5

<210> 34  
<211> 5



<212> PRT  
<213> artificial sequence

<220>  
<223> synthetic peptide

<400> 34

Gly Leu Phe Glu Trp  
1 5

<210> 35  
<211> 5  
<212> PRT  
<213> artificial sequence

<220>  
<223> synthetic peptide

<400> 35

Gly Leu Phe Glu Tyr  
1 5

<210> 36  
<211> 3  
<212> PRT  
<213> artificial sequence

<220>  
<223> synthetic peptide

<400> 36

Asp Glu Phe  
1

<210> 37  
<211> 5  
<212> PRT  
<213> artificial sequence

<220>  
<223> synthetic peptide

<400> 37

Asp Tyr Phe Leu Gly  
1 5

<210> 38  
<211> 5  
<212> PRT  
<213> artificial sequence

<220>

<223> synthetic peptide

<400> 38

Asp Glu Phe Phe Gly  
1 5

<210> 39

<211> 5

<212> PRT

<213> artificial sequence

<220>

<223> synthetic peptide

<400> 39

Asp Glu Phe Trp Gly  
1 5

<210> 40

<211> 5

<212> PRT

<213> artificial sequence

<220>

<223> synthetic peptide

<400> 40

Asp Glu Phe Tyr Gly  
1 5

<210> 41

<211> 5

<212> PRT

<213> artificial sequence

<220>

<223> synthetic peptide

<400> 41

Asp Glu Trp Leu Gly  
1 5

<210> 42

<211> 5

<212> PRT

<213> artificial sequence

<220>

<223> synthetic peptide

<400> 42

Asp Cys Phe Leu Gly  
1 5

<210> 43  
<211> 5  
<212> PRT  
<213> artificial sequence

<220>  
<223> synthetic peptide

<400> 43

Asp Asp Phe Leu Gly  
1 5

<210> 44  
<211> 5  
<212> PRT  
<213> artificial sequence

<220>  
<223> synthetic peptide

<400> 44

Asp Phe Phe Leu Gly  
1 5

<210> 45  
<211> 5  
<212> PRT  
<213> artificial sequence

<220>  
<223> synthetic peptide

<400> 45

Asp Ile Phe Leu Gly  
1 5

<210> 46  
<211> 5  
<212> PRT  
<213> artificial sequence

<220>  
<223> synthetic peptide

<400> 46

Asp Leu Phe Leu Gly  
1 5

<210> 47  
<211> 5  
<212> PRT  
<213> artificial sequence

<220>  
<223> synthetic peptide

<400> 47

Asp Trp Phe Leu Gly  
1 5

<210> 48  
<211> 5  
<212> PRT  
<213> artificial sequence

<220>  
<223> synthetic peptide

<400> 48

Cys Glu Phe Leu Gly  
1 5

<210> 49  
<211> 5  
<212> PRT  
<213> artificial sequence

<220>  
<223> synthetic peptide

<400> 49

Phe Glu Phe Leu Gly  
1 5

<210> 50  
<211> 5  
<212> PRT  
<213> artificial sequence

<220>  
<223> synthetic peptide

<400> 50

Ile Glu Phe Leu Gly  
1 5

<210> 51  
<211> 5  
<212> PRT  
<213> artificial sequence

<220>  
<223> synthetic peptide

<400> 51

Leu Glu Phe Leu Gly  
1 5

<210> 52  
<211> 5  
<212> PRT  
<213> artificial sequence

<220>  
<223> synthetic peptide

<400> 52

Val Glu Phe Leu Gly  
1 5

<210> 53  
<211> 5  
<212> PRT  
<213> artificial sequence

<220>  
<223> synthetic peptide

<400> 53

Trp Glu Phe Leu Gly  
1 5

<210> 54  
<211> 5  
<212> PRT  
<213> artificial sequence

<220>  
<223> synthetic peptide

<400> 54

Tyr Glu Phe Leu Gly  
1 5

<210> 55  
<211> 9  
<212> PRT  
<213> artificial sequence

<220>  
<223> synthetic peptide

<400> 55

Phe Gly Leu Val Tyr Thr Trp Ala Thr  
1 5

<210> 56

<211> 9

<212> PRT

<213> artificial sequence

<220>

<223> synthetic peptide

<400> 56

Pro Gly Leu Val Tyr Ala Trp Ser Thr  
1 5

<210> 57

<211> 3

<212> PRT

<213> artificial sequence

<220>

<223> synthetic peptide

<400> 57

Asp Phe Tyr

1

<210> 58

<211> 3

<212> PRT

<213> artificial sequence

<220>

<223> synthetic peptide

<400> 58

Phe Tyr Glu

1

<210> 59

<211> 3

<212> PRT

<213> artificial sequence

<220>

<223> synthetic peptide

<400> 59

Tyr Glu Glu

1

<210> 60  
<211> 3  
<212> PRT  
<213> artificial sequence

<220>  
<223> synthetic peptide

<400> 60

Tyr Gln Glu  
1

<210> 61  
<211> 12  
<212> PRT  
<213> artificial sequence

<220>  
<223> synthetic peptide

<400> 61

Asn Glu Glu Asp Phe Tyr Gln Ile Gln Leu Tyr Glu  
1 5 10

<210> 62  
<211> 12  
<212> PRT  
<213> artificial sequence

<220>  
<223> synthetic peptide

<400> 62

Arg Gln Ile Asp Phe Tyr Gln Glu Ile Gln Phe Lys  
1 5 10

<210> 63  
<211> 12  
<212> PRT  
<213> artificial sequence

<220>  
<223> synthetic peptide

<400> 63

Asp Asp Phe Tyr Gly Gln Pro Arg Glu Gln Val Arg  
1 5 10

<210> 64  
<211> 3

<212> PRT  
<213> artificial sequence

<220>  
<223> synthetic peptide

<400> 64

Tyr Phe Asp  
1

<210> 65  
<211> 3  
<212> PRT  
<213> artificial sequence

<220>  
<223> synthetic peptide

<400> 65

Glu Tyr Phe  
1

<210> 66  
<211> 3  
<212> PRT  
<213> artificial sequence

<220>  
<223> synthetic peptide

<400> 66

Glu Glu Tyr  
1

<210> 67  
<211> 3  
<212> PRT  
<213> artificial sequence

<220>  
<223> synthetic peptide

<400> 67

Glu Gln Tyr  
1

<210> 68  
<211> 12  
<212> PRT  
<213> artificial sequence

<220>



<223> synthetic peptide

<400> 68

Glu Tyr Leu Gln Ile Gln Tyr Phe Asp Glu Glu Asn  
1 5 10

<210> 69

<211> 12

<212> PRT

<213> artificial sequence

<220>

<223> synthetic peptide

<400> 69

Lys Phe Gln Ile Glu Gln Tyr Phe Asp Ile Gln Arg  
1 5 10

<210> 70

<211> 12

<212> PRT

<213> artificial sequence

<220>

<223> synthetic peptide

<400> 70

Arg Val Gln Glu Arg Pro Gln Gly Tyr Phe Asp Asp  
1 5 10

<210> 71

<211> 8

<212> PRT

<213> artificial sequence

<220>

<223> synthetic peptide

<400> 71

Ala Ala Glu Arg Gly Leu Phe Glu  
1 5

<210> 72

<211> 7

<212> PRT

<213> artificial sequence

<220>

<223> synthetic peptide

<400> 72

Ala Ala Glu Arg Gly Leu Phe  
1 5

<210> 73  
<211> 6  
<212> PRT  
<213> artificial sequence

<220>  
<223> synthetic peptide

<400> 73

Ala Ala Glu Arg Gly Leu  
1 5

<210> 74  
<211> 5  
<212> PRT  
<213> artificial sequence

<220>  
<223> synthetic peptide

<400> 74

Ala Ala Glu Arg Gly  
1 5

<210> 75  
<211> 4  
<212> PRT  
<213> artificial sequence

<220>  
<223> synthetic peptide

<400> 75

Ala Ala Glu Arg  
1

<210> 76  
<211> 3  
<212> PRT  
<213> artificial sequence

<220>  
<223> synthetic peptide

<400> 76

Ala Ala Glu  
1

<210> 77  
<211> 2  
<212> PRT  
<213> artificial sequence

<220>  
<223> synthetic peptide

<400> 77

Ala Ala  
1

<210> 78  
<211> 9  
<212> PRT  
<213> artificial sequence

<220>  
<223> synthetic peptide

<400> 78

Ala Ala Glu Arg Gly Leu Ala Glu Asp  
1 5

<210> 79  
<211> 9  
<212> PRT  
<213> artificial sequence

<220>  
<223> synthetic peptide

<400> 79

Ala Ala Glu Arg Gly Leu Phe Ala Asp  
1 5

<210> 80  
<211> 9  
<212> PRT  
<213> artificial sequence

<220>  
<223> synthetic peptide

<400> 80

Ala Ala Glu Arg Gly Leu Phe Glu Ala  
1 5